

Tra-Con Tra-Bond 868-3N1 Room Temperature Cure Adhesive

Category : Polymer , Adhesive , Thermoset

Material Notes:

TRA-BOND 868-3N1 room temperature cure adhesive provides strong bonds to difficult-to-bond metals, such as gold, silver, copper, brass, and solder. Information provided by Tra-Con Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Tra-Con-Tra-Bond-868-3N1-Room-Temperature-Cure-Adhesive.php

Physical Properties	Metric	English	Comments
Viscosity	76000 cP	76000 cP	After mixing
	@Temperature 25.0 °C	@Temperature 77.0 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	86	86	
Adhesive Bond Strength	37.9 MPa	5500 psi	Lap shear, alum to alum, @ 25°C

Thermal Properties	Metric	English	Comments
CTE, linear	110 µm/m-°C	61.1 µin/in-°F	Below Tg
	280 µm/m-°C	156 µin/in-°F	Above Tg
Glass Transition Temp, Tg	66.0 °C	151 °F	Ultimate Tg

Electrical Properties	Metric	English	Comments
Volume Resistivity	5.00e+14 ohm-cm	5.00e+14 ohm-cm	
	@Temperature 100 °C	@Temperature 212 °F	

Processing Properties	Metric	English	Comments
Cure Time	30.0 min	0.500 hour	
	@Temperature 75.0 °C	@Temperature 167 °F	
Shelf Life	480 min	8.00 hour	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Shelf Life	12.0 Month	12.0 Month	

Descriptive Properties	Value	Comments
Working Life minutes	30	

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